

stations. Applicants must show that the station will provide communications only along routes served by scheduled air carriers.

(e) Mobile units may be operated under an aeronautical enroute station authorization so long as the units are limited to use at an airport and are only used to communicate with aircraft on the ground or the associated aeronautical enroute station. Mobile units are further limited to operation on the VHF frequencies listed in § 87.263(a)(1).

(f) Mobile units licensed under paragraph (e) of this section shall not be operated on air traffic control frequencies, nor cause harmful interference to, communications on air traffic control frequencies.

[53 FR 28940, Aug. 1, 1988, as amended at 64 FR 27476, May 20, 1999]

§ 87.263 Frequencies.

(a) *Domestic VHF service.* (1) The frequencies in the 128.825–132.000 MHz band and the frequencies 136.500 MHz, 136.525 MHz, 136.550 MHz, 136.575 MHz, 136.625 MHz, 136.600 MHz, 136.625 MHz, 136.650 MHz, 136.675 MHz, 136.700 MHz and 136.725 MHz are available to serve domestic routes. The frequencies 136.900 MHz, 136.925 MHz, 136.950 MHz and 136.975 MHz are available to serve domestic and international routes. The frequencies 136.750 MHz, 136.775 MHz, 136.800 MHz, 136.825 MHz, 136.850 MHz and 136.875 MHz are also available to enroute stations located at least 288 kilometers (180 miles) from the Gulf of Mexico shoreline (outside the Gulf of Mexico Region). Frequency assignments are based on 25 kHz spacing. Use of these frequencies must be compatible with existing operations and must be in accordance with pertinent international treaties and agreements.

(2) A system or network of interconnected enroute stations may employ offset carrier techniques on the frequencies listed in paragraph (a)(1). The carrier frequencies of the individual transmitters must not be offset by more than ± 8 kHz.

(3) The frequencies 122.825 and 122.875 MHz are available for assignment to enroute stations which provide local area service to aircraft approaching or departing a particular airport. These

frequencies will be assigned without regard to the restrictions contained in § 87.261 (c) and (d). Only organizations operating aircraft with a maximum capacity of 56 passengers or 8,200 kg (18,000 lbs) cargo will be authorized use of these enroute frequencies.

(4) In Alaska, the frequencies 131.500, 131.600, 131.800 and 131.900 MHz may be assigned to aeronautical enroute stations without regard to the restrictions contained in § 87.261 (c) and (d).

(5) The frequencies 136.750 MHz, 136.775 MHz, 136.800 MHz, 136.825 MHz, 136.850 MHz and 136.875 MHz are available in the Gulf of Mexico Region to serve domestic routes over the Gulf of Mexico and adjacent coastal areas. Assignment of these six frequencies is reserved until January 1, 1994, for helicopter flight following systems. Applicants must provide a showing of need for all frequencies requested. Assignment of these six frequencies in the Gulf of Mexico Region is not subject to the conditions contained in § 87.261(c) and paragraph (a)(2) of this section. Frequency assignments are based on 25 kHz spacing. Use of these frequencies must be compatible with existing operations and must be in accordance with pertinent international treaties and agreements. For the purpose of this paragraph, the Gulf of Mexico Region is defined as an area bounded on the east, north and west by a line 288 km (180 miles) inland from the Gulf of Mexico shoreline. Inland stations using these frequencies must be located within forty-eight kilometers (30 miles) of the Gulf of Mexico shoreline.

(b) *Domestic HF service.* (1) Regular use of high frequencies for aeronautical enroute or any aeronautical mobile (R) communications in the domestic service within the continental United States (excluding Alaska) will not be authorized.

(2) These frequencies (carrier) are available for assignment to serve aircraft operating in support of offshore drilling operations in open sea areas beyond the range of VHF propagation:

kHz	
2878.0	4672.0
3019.0	5463.0
3434.0	5508.0

(3) Alaska: The following frequencies (carrier) are available for assignment

Federal Communications Commission

§ 87.263

to serve domestic air routes in the Alaska area:

(i) *Throughout Alaska*: Shared with the FAA and assigned where an applicant shows the need for a service not provided by the FAA.

	kHz
2866.0	5631.0

(ii) *Alaska Aleutian chain and feeders*.

	kHz
2911.0	8855.0
2956.0	10066.0
5496.0	11363.0
6580.0	

(iii) *Central and Southeast Alaska and feeders*.

	kHz
2875.0	6580.0
2911.0	6604.0
3470.0	8876.0
5484.0	11357.0

(iv) The following frequencies (carrier) are available to enroute stations in Alaska without regard to the restrictions contained in §87.261 (c) or (d). These frequencies may also be used for communications between enroute stations concerning matters directly affecting aircraft with which they are engaged. Enroute stations located at an uncontrolled airport shall not transmit information concerning runway, wind or weather conditions during the operating hours of a unicom.

	kHz
3449.0	5472.0
5167.5 ¹	5490.0

¹The frequency 5167.5 kHz is available to any station for emergency communications in Alaska. No airborne operations are permitted. Peak envelope power of stations operating on this frequency must not exceed 150 watts. This frequency may also be used by Alaska private fixed stations for calling purposes, but only for establishing communications.

(c) *International VHF service*. Frequencies in the 128.825–132.000 and 136.000–137.000 MHz bands are available to enroute stations serving international flight operations. Frequency assignments are based on 25 kHz channel spacing. Proposed operations must be compatible with existing operations in the band.

(d) *International HF service*. High frequencies (carrier) available to enroute stations serving international flight operations on the Major World Air

Route Areas (MWARA's), as defined in the international Radio Regulations and the ICAO Assignment Plan, are:

(1) Central East Pacific (CEP):

	kHz
2869.0	8843.0
3413.0	10057.0
4657.0	11282.0
5547.0	13300.0
5574.0	17904.0
6673.0	

(2) Central West Pacific (CWP):

	kHz
2998.0	6562.0
3455.0	8903.0
4666.0	10081.0
5652.0	11384.0
5661.0	13300.0
6532.0	17904.0

(3) North Pacific (NP):

	kHz
2932.0	10048.0
5628.0	11330.0
6655.0	13300.0
6661.0	17904.0

(4) South Pacific (SP):

	kHz
3467.0	10084.0
5559.0	11327.0
5643.0	13300.0
8867.0	17904.0

(5) North Atlantic (NAT):

	kHz
2872.0	8825.0
2899.0	8831.0
2962.0	8864.0
2971.0	8879.0
3016.0	8891.0
3476.0	8906.0
4675.0	11279.0
5598.0	11309.0
5616.0	11336.0
5649.0	13291.0
6622.0	13306.0
6628.0	17946.0

(6) Europe (EUR):

	kHz
3479.0	10084.0
5661.0	13288.0
6598.0	17961.0

(7) South America (SAM):

	kHz
2944.0	10024.0

§ 87.265

kHz—Continued

3479.0	10096.0
4669.0	11360.0
5526.0	13297.0
6649.0	17907.0
8855.0	

(8) South Atlantic (SAT):

kHz

2854.0	8861.0
2935.0	11291.0
3452.0	13315.0
5565.0	13357.0
6535.0	17955.0

(9) Southeast Asia (SEA):

kHz

3470.0	10066.0
3485.0	11396.0
5649.0	13309.0
5655.0	13318.0
6556.0	17907.0
8942.0	

(10) East Asia (EA):

kHz

3016.0	10042.0
3485.0	11396.0
3491.0	13297.0
5655.0	13303.0
5670.0	13309.0
6571.0	17907.0
8897.0	

(11) Middle East (MID):

kHz

2944.0	6631.0
2992.0	8918.0
3467.0	8951.0
3473.0	10018.0
4669.0	11375.0
5658.0	13288.0
5667.0	13312.0
6625.0	17961.0

(12) Africa (AFI):

kHz

2851.0	6673.0
2878.0	8894.0
3419.0	8903.0
3425.0	8894.0
3467.0	11300.0
4657.0	11330.0
5493.0	13273.0
5652.0	13288.0
5658.0	13294.0
6559.0	17961.0
6574.0	

(13) Indian Ocean (INO):

47 CFR Ch. I (10–1–00 Edition)

kHz

3476.0	13306.0
5634.0	17961.0
8879.0	

(14) North Central Asia (NCA):

kHz

3004.0	6592.0
3019.0	10096.0
4678.0	13303.0
5646.0	13315.0
5664.0	17958.0

(15) Caribbean (CAR):

kHz

2887.0	8846.0
3455.0	8918.0
5520.0	11387.0
5550.0	11396.0
6577.0	13297.0
6586.0	17907.0

(e) *Long distance operational control.*

Long distance operational control frequencies provide communications between aeronautical enroute stations and aircraft stations anywhere in the world for control of the regularity and efficiency of flight and safety of aircraft. World-wide frequencies are not assigned by administrations for MWARA and Regional and Domestic Air Route Area (RDARA).

kHz

3013.0	10075.0
3494.0	11342.0
5529.0	11348.0
5538.0	13330.0
6637.0	13348.0
6640.0	17925.0
8933.0	21964.0
10033.0	

(f) *121.500 MHz:* Emergency and distress only.

[53 FR 28940, Aug. 1, 1988, as amended at 54 FR 11721, Mar. 22, 1989; 55 FR 28628, July 12, 1990; 56 FR 21084, May 7, 1991; 58 FR 44954, Aug. 25, 1993]

§ 87.265 Administrative communications.

Domestic VHF aeronautical enroute stations authorized to use A9W emission on any frequency listed in § 87.263(a)(1) or § 87.263(a)(3) may transmit digital administrative communications on a secondary basis, in addition